

Date: Wed, 18 May 94 04:30:18 PDT  
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>  
Errors-To: Ham-Digital-Errors@UCSD.Edu  
Reply-To: Ham-Digital@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Digital Digest V94 #153  
To: Ham-Digital

Ham-Digital Digest                      Wed, 18 May 94                      Volume 94 : Issue 153

Today's Topics:

    ??Type of cable from Mac to TNC?? (2 msgs)  
        AA4RE BBS Software?  
            Mac-Ham BBS  
    PacComm Micropower-2 -> Realistic HTX-202?  
        Packet<->Internet gateways  
        PacTOR FEC timing/format issue  
        Ramsey FX440 and PacComm NB96 at 9600?  
        TCP/IP freqs in Bay Area

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>  
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Tue, 17 May 1994 17:17:46 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!natasha.ucdavis.edu!  
szhall@network.ucsd.edu  
Subject: ??Type of cable from Mac to TNC??  
To: ham-digital@ucsd.edu

I would like to use my Mac Classic for VHF packet and I have a  
question regarding the cable from the Mac to the TNC.."Can I use the  
same type of cable I use for the telephone modem or do I need a special  
type just for this purpose'?" I am using a KPC-3 with a Mac with  
Hostmaster Sofeware...Thanks for taking time to read this..Jeff

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Date: 17 May 94 18:50:28 GMT

From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!vixen.cso.uiuc.edu!  
newsrelay.iastate.edu!news.iastate.edu!jvp@network.ucsd.edu  
Subject: ??Type of cable from Mac to TNC??  
To: ham-digital@ucsd.edu

In <CpyIpM.A6G@ucdavis.edu> szhall@natasha.ucdavis.edu () writes:

> I would like to use my Mac Classic for VHF packet and I have a  
>question regarding the cable from the Mac to the TNC.."Can I use the  
>same type of cable I use for the telephone modem or do I need a special  
>type just for this purpose'?" I am using a KPC-3 with a Mac with  
>Hostmaster Sofeware...Thanks for taking time to read this..Jeff

Your modem cable should work fine. The only issue would be whether  
Hostmaster needs hardware handshaking or not. I think it does. If so  
you would be best to use a "High speed" modem cable, which just means  
it has the hardware handshaking lines in it.

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+-----+
| Jim Van Peurse - Ph.D. Candidate      (Ham Radio -> KE0PH) |
| Department of Electrical Engineering and Computer Engineering |
| Iowa State University - Ames, IA 50011 : (515) 294-8339      |
| internet - jvp@iastate.edu -or- jvp@cpre1.ee.iastate.edu    |
+-----+
```

-----  
Date: Tue, 17 May 1994 11:31:07 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.duke.edu!godot.cc.duq.edu!  
toads.pgh.pa.us!newsfeed.pitt.edu!gvls1!ean@network.ucsd.edu  
Subject: AA4RE BBS Software?  
To: ham-digital@ucsd.edu

What is the latest version of AA4RE BBS software and  
where can it be obtained? (FTP or other)

--  
Ed Naratil  
ean@VFL.Paramax.COM  
(All standard disclaimers apply)  
Amateur Packet: w3bnr@wb3joe.#epa.PA.USA

-----  
Date: Tue, 17 May 1994 12:52:38 +0500  
From: sun.cais.com!peterd.cais.com!user@uunet.uu.net  
Subject: Mac-Ham BBS  
To: ham-digital@ucsd.edu

Gallery's BBS is now available to the general public. Specializing in  
Amateur Radio shareware for the Macintosh computer. The board is open  
24 hours a day, 7 days a week at 202-298-6009. Supports up to 9600 bd  
connections. Give it a call today!  
e-mail queries to: paulot@cais.com  
or  
N3MGA@WA3TAI.MD.NOAM  
73'S

-----  
Date: 17 May 1994 17:08:08 GMT  
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!hobbes.physics.uiowa.edu!  
news.uiowa.edu!icaen!drenze@network.ucsd.edu  
Subject: PacComm Micropower-2 -> Realistic HTX-202?  
To: ham-digital@ucsd.edu

Does anybody happen to know the cable configuration to hook the  
PacComm Micropower-2 (it's basically the Tiny-2 TNC) to the  
Realistic HTX-202? I picked one up cheap, but it was without  
any docs (the TNC). I've ordered them, but would sorta like to  
get on the air ASAP--dunno when everything'll be coming in. Also,  
if you have an online version of the command set, I'd be obliged.

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Date: 17 May 1994 14:22:17 +0100  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!pipex!doc.ic.ac.uk!  
bright.ecs.soton.ac.uk!titian.ecs.soton.ac.uk!not-for-mail@network.ucsd.edu  
Subject: Packet<->Internet gateways  
To: ham-digital@ucsd.edu

Hello, I was wondering if anyone has tried (or preferably has a list)  
of the packet to Internet gateways that seem to exist.

On the Internet, telnetting to

af2j.ece.psu.edu  
ke9yq.imsa.edu  
hpcsos.col.hp.com  
and several others, some go up and down!

will give a login. The ke9yq one allows anonymous login and appears to  
let to AX.25 and NET/ROM out on amateur packet! (You need to register  
to do this.)

Access to far off BBS's and chat nodes would become far easier if more  
gates like these were known of. The current method for me is four or five

node hops across the UK to the LONNY wormhole, so I can then connect out to the USA, but this is so SLLLL000WWW and unreliable. It is the same sort of route for the International Chat node, and I would like to be able to chat to amateurs worldwide without all of that hassle!

Does anyone have any more info?

Thanks, de Lee Volante, G0MTN

Packet: G0MTN@GB7XJZ.#48.GBR.EU      Email: ljb@soton.ac.uk

PS This is my first ever post - so apologies if I've broken an unwritten UseNet rule :-)

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Date: Tue, 17 May 1994 16:15:40 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!vixen.cso.uiuc.edu!  
uchinews!kimbark!khopper@network.ucsd.edu  
Subject: PacTOR FEC timing/format issue  
To: ham-digital@ucsd.edu

I recently completed testing a TI-DSK DSP module running the exciting new HB9JNX software, "TERM".

When transmitting a CQ in FEC mode the actual signal had ARQ timing and sounded like a QSO instead of the more familiar higher speed stream of AMTOR and PacTOR FEC sigs. A contact in FEC mode QSO on 20M confirmed that it looked and sounded very strange to K7RD.

I inquired with the author, Tom Sailer, and he responded that the DSP based code was operating AS IT SHOULD - i.e. per the SCS specification. He further asserted that the ARQ timing (chirp...chirp...chirp..) enabled the listening station to actually SYNCHRONIZE with the CQ instead of just hoping to catch a strong enough sig and see what was being xmitted.

This is the first time I encountered this issue. All other PacTOR stations that I have worked used the stream FEC mode. I have not worked an SCS equipped station and can't verify that they operate in this same manner. Would anyone care to comment on this. If SYNCHRONIZATION is the proper method, then why haven't other TNC mfgrs used that technique ?

I think that because I have been trained to listen for the

stream FEC I simply bypass those stations that sound like ARQ mode xmissions. This means that if I heard the ARQ rythm I would assume that due to propagation I couldn't hear the other station and move on. As an xmitting station I wonder if I would ever get an answer to my CQ :?)

TNX \*\*disconnected\*\*

Ken Hopper,		-----	
November 9 Vivid Video		o o \_ / o o	
HF - CW,PacTOR,RTTY,SSTV		o o @ o o	
khopper@midway.uchicago.edu		-----	

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Date: 17 May 94 07:27:00 GMT  
From: ihnp4.ucsd.edu!swrinde!emory!cherry.atlanta.com!nanovx!wa4mei!totrbbs!  
steve.diggs@network.ucsd.edu  
Subject: Ramsey FX440 and PacComm NB96 at 9600?  
To: ham-digital@ucsd.edu

-> Subject: Ramsey FX440 and PacComm NB96 at 9600?  
-> Message-ID: <1994May17.004830.19468@tigger.jvnc.net>  
-> Date: Tue, 17 May 1994 00:48:30 GMT  
->  
-> Has anyone had any luck using this radio and TNC? I seem to have  
-> trouble with the 440's discriminator (marked FSK on board) output  
-> driving the NB96's receive audio.  
->  
-> Any sage advice/observations appreciated to brownell@tigger.jvnc.net.  
-> Thanks.

Having recently done several diff. IF interfaces, my guess is you have an impedance mismatch between your discriminator and the front end of the 9600 modem. You should be connecting on the side of the discriminator that leads to the AF section. Try a 5 MFD non-polarized capacitor in series with the modem and the IF.

This particular problem has driven me nuts several times. While the modem mfg. will claim that his modem has a very high impedance IC (like a TL082) as the frontend, you will notice that they often use a 5-10K resistor as a pull up curcuit on the input side of the TL082. This completely drives the discriminator curcuit to zero. You need to eliminate that DC component.

Regards,  
Steve Diggs, KB4ZTN

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Top Of The Rock BBS - Lilburn, GA  
UUCP: tottribbs.atl.ga.us  
Phone: +1 404 921 8687

SYSOP: Steve Diggs  
Snailmail: 4181 Wash Lee Ct.  
Lilburn, GA 30247-7407

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Date: 18 May 94 01:06:22 GMT  
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!news.cerf.net!ccnet.com!ccnet.com!not-for-mail@ucbvax.berkeley.edu  
Subject: TCP/IP freqs in Bay Area  
To: ham-digital@ucsd.edu

Scott Statton (n1gak@netcom.com) wrote:

: After a lengthy hiatus (brought about by moving my computer from the  
: room near the radio) I'm back on the air.

: In a word: 1200 bps == stupidest-idea-ever-conceived.

Don't knock it ... 2400 bps takes the cake!

: I have three questions:

: 1) Is there a 9600 bps channel in the bay area?

on 2meters try 145.710 generic      tcp/ip is on 433.xxx

: 2) What do I need; this is actually a more generic question, perhaps  
: a FAQ; what are the various 9600 bps formats used on the air, and what  
: are their [in]compatibilities?

: 3) Is there a mailing list for bay area TCP/IP enthusiasts?

At the present time the nos-folk mailing list is distributed only on the  
tcp/ip network using 145.750 in Central California. The gateway to  
Internet e-mail seems to have broken. :(

Bob    n6fri

--

Bob Wilkins  
Berkeley, California  
94701-0710

work	bwilkins@cave.org
home	rwilkins@ccnet.com
play	n6fri@n6eeg.#nocal.ca.usa.noam

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Date: (null)  
From: (null)  
Tnx es 73 de Doug N0YVW

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-- /| | Doug Renze, N0YVW |  
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=(\_\_)= | drenze@icaen.uiowa.edu |  
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Amateur Radio:  
Bringing the World Together

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End of Ham-Digital Digest V94 #153  
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